

Converting Colors

YIQ(147.3290, 87.0270,
-29.8450)

Have a look what the booklet for
YIQ(147.3290, 87.0270, -29.8450)
contains.

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Color

**YIQ(147.3290, 87.0270,
-29.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	D48F00
RGB	212, 143, 0
RGB Percent	83%, 56%, 0%
CMY	0.1686, 0.4393, 0.9995
CMYK	0.00, 0.33, 1.00, 0.17
HSL	40°, 100%, 42%
HSV	40°, 100%, 83%
XYZ	36.9756, 33.6363, 4.5470
YIQ	147.3290, 87.0270, -29.8450

Conversions

Conversions Part 2

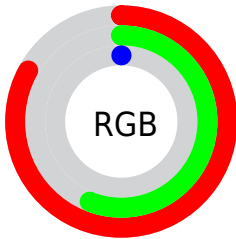
Format	Color
RYB	102, 212, 0
Decimal	13930240
CIELab	64.67, 17.27, 69.70
CIELCh	65, 71.812, 76.081
Yxy	33.6363, 0.4920, 0.4475
Android (android.graphics.Color)	4292120320 (0xFFD48F00)
YUV	147.3290, -72.6332, 56.7165
Hunter-Lab	57.9968, 12.3076, 35.9494

Details

The YIQ color **147.3290, 87.0270, -29.8450** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **64.6710, -87.0270, 29.8450**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2060, 74.3720, -26.2680**, and **99.7400, 64.4210, -16.6270** is the 20% darker color. If you saturate the color by 10%, you get **147.3290, 87.0270, -29.8450**, and if you desaturate by 10%, it is **153.8320, 78.3610, -26.9750**.

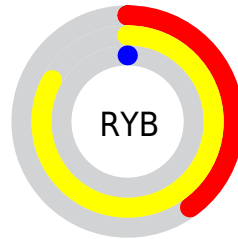
Distribution



Red (83%)

Green (56%)

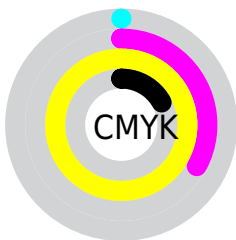
Blue (0%)



Red (40%)

Yellow (83%)

Blue (0%)

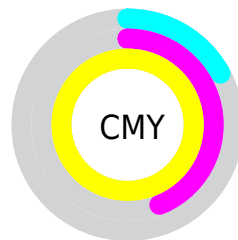


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.3290, 87.0270, -29.8450 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 147.3290, 87.0270, -29.8450 by changing the saturation by 10% instead.


 147.3290, 87.0270,
-29.8450


 147.3290, 87.0270,
-29.8450


255.0000, -0.0000,
-0.0000

 122.7980, 75.7010,
-22.8190


 200.2060, 74.3720,
-26.2680


 99.7400, 64.4210,
-16.6270


 219.8340, 57.6840,
-32.2040


 76.9810, 53.7370,
-10.2230


 239.3480, 41.3170,
-38.4510

 55.3960, 42.5030,
-4.8650

 243.7140, 31.7790,
-30.7890

 34.9960, 32.1860,
0.3940

 246.9060, 22.7910,
-22.0810

 14.0200, 23.6110,
7.1230

 250.2120, 13.4820,

 0.0000, 0.0000,

-13.0620

0.0000

■ 253.5180, 4.1730,
-4.0430

■ 147.3290, 87.0270,
-29.8450

■ 153.8320, 78.3610,
-26.9750

■ 160.4490, 69.3740,
-23.7940

■ 166.9520, 60.7080,
-20.9240

■ 173.4550, 52.0420,
-18.0540

■ 179.9580, 43.3760,
-15.1840

■ 185.8740, 34.9850,
-11.7910

■ 192.4910, 25.9980,
-8.6100

■ 198.9940, 17.3320,
-5.7400

■ 205.4970, 8.6660,
-2.8700

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150.6760, 97.9770, 14.0170



147.3290, 87.0270, -29.8450



142.6130, 47.2800, -52.9120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



147.3290, 87.0270, -29.8450



131.5430, -112.7360, -38.4000



161.0560, 7.8760, 55.5240

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



147.3290, 87.0270, -29.8450



64.6710, -87.0270, 29.8450

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



144.3070, -71.8030, 18.2530



147.3290, 87.0270, -29.8450



135.6930, -129.9330, -18.5810

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



147.3290, 87.0270, -29.8450



122.7310, -90.6790, -58.1910



130.6210, -129.4300, -11.1740



154.2570, 64.5900, 62.9420

Rectangle

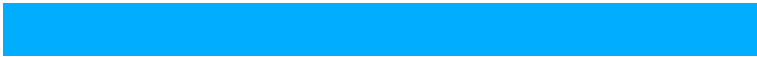
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.3290, 87.0270, -29.8450



138.8760, 3.9990, -55.9770



130.6210, -129.4300, -11.1740



159.7540, -15.0010, 46.1110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



147.3290, 87.0270, -29.8450



231.6610, 31.2710, -10.5610



71.4820, 103.5610, 67.0250



113.9510, 18.8910, -6.4610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.3290, 87.0270, -29.8450



177.2090, 104.6800, -35.8960



177.3670, 47.1920, -73.3520



103.9850, 4.3560, -1.8520



118.6340, 70.2910, -23.8930



29.8800, 17.6530, -6.0510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.6710, -87.0270, 29.8450



77.7910, -104.6800, 35.8960



34.6330, -47.1920, 73.3520



99.6020, -4.6310, 1.3290



52.3660, -70.2910, 23.8930



13.1200, -17.6530, 6.0510

Previews

White Background



This preview shows how the YIQ color 147.3290, 87.0270, -29.8450 looks on a white background.

Color Contrast Check

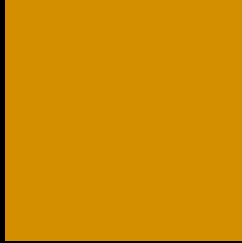
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 147.3290, 87.0270, -29.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.3290, 87.0270, -29.8450

Background



This preview shows how black text looks on a background with the YIQ color 147.3290, 87.0270, -29.8450.



This preview shows how white text looks on a background with the YIQ color 147.3290, 87.0270, -29.8450.

-29.8450.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

147.3290, 87.0270, -29.8450

Protanopia

147.2650, 57.5480, -40.7560

Deuteranopia

146.9640, 77.6290, -35.7390



Tritanopia

159.5550, 47.4500, 21.1300

Trichromacy



Original Color

147.3290, 87.0270, -29.8450

Protanomaly

147.6470, 68.2760, -36.9400

Deuteranomaly

147.2850, 81.1590, -33.6330

Tritanomaly

155.3770, 61.8500, 2.4420

Monochromacy



Original Color

147.3290, 87.0270, -29.8450

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.5470, 31.5920, -10.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3290, 87.0270, -29.8450 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 143, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 143, 0) }
```

Border

The CSS property to change the border of an element to YIQ 147.3290, 87.0270, -29.8450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 143, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 143, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 143,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3290, 87.0270, -29.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 143, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
143, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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